EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060000993").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/04 16:48
S2	1	("5570744").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/04 16:54
S3	8	("1959368" | "2178846" | "3351136" | "5570744" | "6723158").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:24
S4	895	166/285.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:26
S7	3	S4 decelerating	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:31
S8	23	S4 spiral	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:31
S9	0	S7 S8	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:31
S10	270	138/142.ccls.	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:45
S11	0	S10 downhole	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:45
S12	0	S10 wellbore	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:45
S13	0	S12 shoe	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:45
S14	82	"166".clas. spiral valve shoe	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:50
S15	229	"166".clas. (spiral OR helical) valve shoe	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:51

S16	114	"166".clas. (spiral OR helical) valve shoe (latch OR lock)	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 10:51
S17	80	S4 (float ADJ collar)	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:05
S18	2	S17 (anti-rotation)	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:10
S19	0	S17 (axial ADJ (lock OR locking))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:44
S20	1	S4 (axial ADJ (lock OR locking))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:44
S21	0	"166".clas. shoe NEAR (axial ADJ (lock OR locking))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:44
S22	0	"166".clas. (shoe NEAR (axial ADJ (lock OR locking)))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:44
S23	0	"166".clas. (shoe WITH (axial ADJ (lock OR locking)))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:44
S24	30	"166".clas. ((axial ADJ (lock OR locking)))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:45
S25	189	S4 (lock OR locking OR latch)	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:46
S26	5	S4 ((lock OR locking OR latch) NEAR shoe)	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 11:46
S27	2	S4 ((opposite OR opposing) NEAR (helix OR helical OR sprial))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/05 14:00

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